BRUHAT BANGALORE MAHANAGAR PALIKE

Project Division, Yelahanka Zone

Modified SCHEDULE - B

Name Of Work:Improvements and Developments to Shivanahalli village surrounding area in Ward No.01 Yelahanka Constituency

SNo	Quantity	Item Name	Unit	Approved Rates of Sri. K Venkataraju	
				In figures	In words
1	2487.64	Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications	Cum	226.00	Rupees Two Hundred Twenty Six Only
2	1356.19	Providing and laying Plain cement concrete of mix 1:3:6 with OPC @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates@ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days including cost of all materials, labour, HOM curing, form works, scaffolding and centering complete as per specifications	Cum	5691.91	Rupees Five Thousand Six Hundred Ninety One And Paise Ninety One Only
	30.88	Above 125%		5691.91	Rupees Five Thousand Six Hundred Ninety One And Paise Ninety One Only
3	722.48	Providing and laying plain/reinforced cement concrete for side drains using M20 nominal mix concrete with OPC at 300 kgs. with 20mm and down size granite metal coarse aggregates at 0.69 cum and fine aggregates at 0.43 cum machine mixed, well compacted for walls and bottom including centering, shuttering, cost of materials, HOM of machinery, curing etc., complete excluding cost of steel as per MORTH specification No. 2500, 2700, 2200. including cost of materials, labour, HOM complete as per specificationsdo- Wall & bottom thickness 15cm	Cum	7422.30	Rupees Seven Thousand Four Hundred Twenty Two And Paise Thirty Only
4	44.48	KSRB 4.9.2 : Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM complete as per specifications.	Tn	77677.05	Rupees Seventy Seven Thousand Six Hundred Seventy Seven And Paise Five Only
5	1908.18	Providing and Fixing pre cast covering Slab made out of CC 1:2:4 with 10cm thick and Finishing cutting , including form work, cost of alll materials, labour,hire charges of machinery,loading,unloading,lead and lift,transportation etc comomplete	Sqm	2453.38	Rupees Two Thousand Four Hundred Fifty Three And Paise Thirty Eight Only
6	119.14	Providing and Fixing pre cast covering Slab 250mm thick made out of CC 1:2:4 and jelly 20mm Down size with steel reinforcement including form work,curing,including cost of alll materials, labour,hire charges of machinery, loading, unloading, lead and lift,transportation etc ,complete.As per Engineer incharge	Sqm	5687.82	Rupees Five Thousand Six Hundred Eighty Seven And Paise Eighty Two Only

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	ntity	Item Name	Unit	Approved Rates of Sri. K Venkataraju	
				In figures	In words
	4534.03	KSRRB M300-24. Excavation for roadwork in soil with hydraulic excavator of 0.9 cum bucket capacity including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transporting to the embankment location to a lead of 2km and complete as per specifications.	Cum	67.12	Rupees Sixty Seven And Paise Twelve Only
	940.61	Above 125%		67.12	Rupees Sixty Seven And Paise Twelve Only
8	2100.23	Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/ trap/basalt material, mixing in a mechanical mix plant at OMC, Carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the 98 % proctor density, complete as per specifications	Cum	2094.27	Rupees Two Thousand Ninety Four And Paise Twenty Seven Only
	185.37	Above 125%		2094.27	Rupees Two Thousand Ninety Four And Paise Twenty Seven Only
9	1993.47	KSRRB M400-17. Providing, laying, spreading and compacting cushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications(P.No-155,I No-20.18,KPWD SR 2018-19)	Cum	2100.94	Rupees Two Thousand One Hundred And Paise Ninety Four Only
10	8860.41	KSRRB M500-6. Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications	Sqm	31.16	Rupees Thirty One And Paise Sixteen Only
11	9105.55	KSRRB 500-7. Providing and applying tack coat using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM complete as per specifications.	Sqm	13.35	Rupees Thirteen And Paise Thirty Five Only
12	455.98	KSRRB M500-17. Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications Clause 505 of MORTH V revisionusing 40/60 TPH capacity H.M.P. with Mechanical paver Gr-II (50 mm to 75 mm) with 4.5 % VG-30 Bitumen	Cum	6726.80	Rupees Six Thousand Seven Hundred Twenty Six And Paise Eighty Only

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	antity	Item Name	Unit	Approved Rates of Sri. K Venkataraju	
				In figures	In words
13	364.19	Providing and laying bituminous concrete 40mm thick with hot mix plant, using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications. – do – using 40-60 TPH capacity HMP with mechanical paver grading II (30-45mm) with 5.4 % of modified bituminus binder consisting of 4.97% of VG-30 bitumen (60/70 grade) and 0.43% of plastomeric thermoplastics (waste plastic).	Cum	7913.04	Rupees Seven Thousand Nine Hundred Thirteen And Paise Four Only
14	291.14	KSRRB M800-13.Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface/ Concrete Surface: Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35 standards specified. The finished surface to be level, uniform and free from streaks and holes complete as per specifications.	Sqm	477.39	Rupees Four Hundred Seventy Seven And Paise Thirty Nine Only
15	0.00	Dismantling of cement concrete pavement by mechanical means using pneumatic tools, breaking to pieces not exceeding 0.02 cum in volume and stock piling at designated locations and disposal of dismantled materials stacking serviceable and unserviceable materials seperately complete as per specifications	Cum	1021.90	Rupees One Thousand Twenty One And Paise Ninety Only
16	698.29	Cement concrete pavement Construction of un-reinforced plain cement concrete pavement, Thickness as per design, over a prepared sub base with 53 grade cement or any other type as per clause 1501.2.2 M30 (Grade) coarse and fine aggregate conforming to IS: 383 maximum size of coarse aggregate not exceeding 25mm , mixed in a concrete mixer of not less than 0.2 cum capacity and appropriate weight batcher as per approved mix design laid in approved fixed of 125 micron thick polythene film, wedges steel plates including levelling the form work as per drawing) Spreading the concrete with shovels rackers compacted using needle screed and plate vibrator and finished in a continuous operation including provision of contruction joints primer joint sealant curring of concrete slabs for 14 days and wateri finishing to lines and grade as per drawing and techincal specification clause 1501 with all lead lifts loading & unloading charges cost and conveyance of all materials (P.No-176,I No-22.6.1)	Cum	5470.47	Rupees Five Thousand Four Hundred Seventy And Paise Forty Seven Only
	298.32	Above 125%		5470.47	Rupees Five Thousand Four Hundred Seventy And Paise Forty Seven Only
		EIRL			

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ntity	Item Name	Unit	Approved Rates of Sri. K Venkataraju	
			In figures	In words
42.88	KSRB 5-14 : Providing and constructing load bearing wall with solid concrete blocks of size 400x150x200 mm having block density not lessthan 1800 kg/m3 and having a minimum average compressive strength 4.00 N/mm2 confirming to IS 2185 (Part) : 2005 and constructed with CM 1:4 , as per IS 2572:2005 including cost of all materials, labour charegs, scaffolding, curing complete as per specifications.	Sqm	1028.20	Rupees One Thousand Twenty Eight And Paise Twenty Only

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